

ARTICLE 2. ADVANCED LIFE SUPPORT

Rule 1. Definitions

836 IAC 2-1-1 Definitions

Authority: IC 16-31-2-7

Affected: IC 10-4-1-7; IC 10-8-2-1; IC 16-18-2-6; IC 16-21-2; IC 16-31-3-3; IC 25-22.5; IC 35-41-1-26.5

Sec. 1. The following definitions apply throughout this article unless the context clearly denotes otherwise and pertain to all advanced life support requirements and standards promulgated by the commission:

(1) “Advanced emergency medical technician” means an individual who can perform one (1) or more, but not all, of the procedures of a paramedic and who:

- (A) has completed a prescribed course in advanced life support;
- (B) has been certified by the commission;
- (C) is associated with a single supervising hospital; and
- (D) is affiliated with a provider organization.

(2) “Advanced emergency medical technician intermediate” means an individual who can perform one (1) or more, but not all, of the procedures of a paramedic and who:

- (A) has completed a prescribed course in advanced life support;
- (B) has been certified by the commission;
- (C) is associated with a single supervising hospital; and
- (D) is affiliated with a provider organization.

(3) “Advanced emergency medical technician intermediate organization” means an ambulance service provider or other emergency care organization certified by the commission to provide advanced life support services administered by advanced emergency medical technician intermediates in conjunction with a supervising hospital.

(4) “Advanced emergency medical technician organization” means an ambulance service provider or other emergency care organization certified by the commission to provide advanced life support services administered by advanced emergency medical technicians in conjunction with a supervising hospital.

(5) “Advanced life support”, for purposes of IC 16-31, means:

(A) care given:

(i) at the scene of an:

(AA) accident;

(BB) act of terrorism (as defined in IC 35-41-1-26.5), if the governor has declared a disaster emergency under IC 10-4-1-7 in response to the act of terrorism; or

(CC) illness; or

(ii) during transport at a hospital;

by a paramedic, advanced emergency medical technician intermediate, or advanced emergency medical technician and that is more advanced than the care usually provided by an emergency medical technician; and

(B) may include:

(i) defibrillation;

(ii) endotracheal intubation;

(iii) parenteral injection of appropriate medications, including administration of epinephrine through an auto-injector;

(iv) electrocardiogram interpretation; and

(v) emergency management of trauma and illness.

(6) “Advanced life support nontransport vehicle” means a motor vehicle other than an ambulance, owned or leased by a certified emergency medical service provider, that provides advanced life support but does not supply patient transport from the scene of the emergency. The term does not include an employer-owned or employer-operated vehicle used for first aid purposes within or upon the employer’s premises.

(7) “An agency or instrumentality of the United States”, as that phrase is used in IC 16-31-3-3, means to exclude all nongovernmental entities that have a contract with the government of the United States or any bureau, board, commission, or statutorily created entity thereof.

- (8) "Anniversary date" means the date on which certification as a paramedic, advanced emergency medical technician intermediate, or an advanced emergency medical technician was issued by the commission.
- (9) "Auto-injector" means a spring-loaded needle and syringe that:
 - (A) contains a single dose of medication; and
 - (B) automatically releases and injects the medication.
- (10) "Certificate" or "certification", for the purposes of IC 16-31, means authorization in written form issued by the Indiana emergency medical services commission to a person to furnish, operate, conduct, maintain, advertise, or otherwise engage in providing emergency medical services as part of a regular course of doing business, either paid or voluntary.
- (11) "Commission" means the Indiana emergency medical services commission.
- (12) "Director" means the director of the state emergency management agency established under IC 10-8-2-1.
- (13) "Emergency management of trauma and illness" means the following:
 - (A) Those procedures for which the paramedic has been specifically trained that are a part of the curriculum prescribed by the commission.
 - (B) Those procedures for which the paramedic has been specifically trained as a part of the continuing education program and approved by the supervising hospital and the paramedic organization's medical director.
 - (C) Those procedures for which the advanced emergency medical technician has been specifically trained in the Indiana basic emergency medical technician and Indiana advanced emergency medical technician curriculums and has been approved by the administrative and medical staff of the supervising hospital, the advanced emergency medical technician organization medical director, and the commission as being within the scope and responsibility of the advanced emergency medical technician.
 - (D) Those procedures for which the advanced emergency medical technician intermediate has been specifically trained in the Indiana basic emergency medical technician and Indiana advanced emergency medical technician intermediate curriculums and has been approved by the administrative and medical staff of the supervising hospital, the advanced emergency medical technician intermediate organization medical director, and the commission as being within the scope and responsibility of the advanced emergency medical technician intermediate.
- (14) "Emergency medical services vehicle" means an ambulance, an emergency medical service nontransport vehicle, a rescue squad, or an advanced life support nontransport vehicle.
- (15) "Paramedic" means an individual who:
 - (A) is affiliated with a certified paramedic organization or is employed by a supervising hospital;
 - (B) has completed a prescribed course in advanced life support; and
 - (C) has been certified by the commission.
- (16) "Paramedic organization" means an ambulance service provider or other emergency care organization certified by the commission to provide advanced life support services administered by paramedics or physicians with an unlimited license to practice medicine in Indiana in conjunction with supervising hospitals.
- (17) "Person" means any:
 - (A) natural person or persons;
 - (B) partnership;
 - (C) corporation;
 - (D) association;
 - (E) joint stock association; or
 - (F) governmental entity other than an agency or instrumentality of the United States.
- (18) "Physician" means an individual who currently holds a valid unlimited license to practice medicine issued in Indiana under IC 25-22.5.
- (19) "Program director" means a person employed by a certified training institution that coordinates the advanced life support courses.
- (20) "Provider organization" means an ambulance service or other emergency care organization certified by the commission to provide advanced life support in connection with a supervising hospital.
- (21) "Provider organization operating area" means the geographic area in which an advanced emergency medical technician or advanced emergency medical technician intermediate, affiliated with a specific advanced emergency medical technician organization or advanced emergency medical technician intermediate organization, is able to maintain two-way voice

communication with the provider organization's supervising hospitals.

(22) "Supervising hospital" means a hospital licensed under IC 16-21-2 or under the licensing laws of another state that has been certified by the commission to supervise paramedics, advanced emergency medical technician intermediates, advanced emergency medical technicians, and provider organizations in providing advanced life support.

(Indiana Emergency Medical Services Commission; Advanced Life Support Preliminary; filed Dec 15, 1977: Rules and Regs. 1978, p. 248; filed Nov 3, 1980, 3:55 p.m.: 3 IR 2214; filed Oct 13, 1981, 10:05 a.m.: 4 IR 2433; errata, 5 IR 400; filed Dec 13, 1985, 9:13 a.m.: 9 IR 1061; filed May 15, 1998, 10:25 a.m.: 21 IR 3891; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2732; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2345)

Rule 2. Requirements and Standards for Paramedic Organizations

836 IAC 2-2-1 General requirements for paramedic organizations

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 1. (a) Certification by the commission is required for any ambulance service provider who seeks to provide advanced life support services as a paramedic organization unless provisional certification is issued pursuant to subsection (l).

(b) If the paramedic organization also provides transportation of emergency patients, the paramedic organization shall be certified as an ambulance service provider in accordance with the requirements specified in 836 IAC 1 pursuant to IC 16-31. The paramedic nontransport organizations shall meet the requirements specified in 836 IAC 1-2-2(a) and 836 IAC 1-11-3(o) through 836 IAC 1-11-3(q).

(c) The paramedic organization shall ensure that:

(1) ambulances used are certified and meet the requirements specified in 836 IAC 1-3; and

(2) all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements in 836 IAC 2-14.

(d) Paramedic organizations shall have a contract, or interdepartmental memo if hospital based, with one (1) or more supervising hospitals that agree to provide the following services:

(1) Continuing education.

(2) Audit and review.

(3) Medical control and direction.

(4) Provision to allow the paramedics affiliated with the supervised paramedic organization to function within the appropriate hospital department in order to obtain continuing practice, remediation, and continuing education in their clinical skills.

The contract or interdepartmental memo shall include a detailed description of how such services shall be provided to the paramedic organization. In those cases where more than one (1) hospital contracts, or seeks to contract, with a paramedic provider organization as a supervising hospital, an interhospital agreement shall be provided to the commission that shall clearly define the specific duties and responsibilities of each hospital to ensure medical and administrative accountability of system operation.

(e) The paramedic organization shall have a medical director provided by the paramedic organization, or jointly with the supervising hospital, who shall be a physician who holds a currently valid unlimited license to practice medicine in Indiana and has an active role in the delivery of emergency care. The medical director is responsible for providing competent medical direction as established by the medical control committee. Upon establishment of a medical control policy, the paramedic organization medical director and the chief executive officer have the duty to enact the policy within the paramedic organization and accordingly enforce the policy. The duties and responsibilities of the medical director include, but are not limited to, the following:

(1) Provide liaison with physicians and the medical community.

(2) Assure that the drugs, medications, supplies, and equipment are available to the paramedic organization.

(3) Monitor and evaluate day-to-day medical operations of paramedic organizations.

(4) Assist the supervising hospital in the provision and coordination of continuing education.

(5) Provide information concerning the operation of the paramedic organization.

(6) Provide individual consultation to paramedics.

(7) Participate in at least quarterly audit and review of cases treated by paramedics of the provider organization.

(8) Attest to the competency of paramedics affiliated with the paramedic organization to perform skills required of a

paramedic under 836 IAC 4-9-5.

(9) Establish protocols for advanced life support in cooperation with the medical control committee of the supervising hospital.

(10) Establish and publish a list of medications, including minimum quantities and dosages to be carried on the emergency medical services vehicle.

(f) The paramedic organization shall maintain a communications system that shall be available twenty-four (24) hours a day between the paramedic organization and the emergency department, or equivalent, of the supervising hospital using UHF (ultra high frequency) voice communications. The communications system shall be licensed by the Federal Communications Commission.

(g) Each paramedic organization shall do the following:

(1) Maintain an adequate number of trained personnel and emergency response vehicles to provide continuous, twenty-four (24) hour advanced life support services.

(2) Notify the commission in writing within thirty (30) days of assigning any individual to perform the duties and responsibilities required of a paramedic. This notification shall be signed by the provider organization and medical director of the provider organization.

(3) Notify the commission in writing within thirty (30) days of a paramedic's termination of employment or for any reason which prohibits a certified individual from performing the procedures required of a paramedic.

(h) A paramedic organization ambulance service provider must be able to provide an advanced life support response. For the purpose of this subsection, an "advanced life support response" consists of the following:

(1) A paramedic.

(2) An emergency medical technician.

(3) An ambulance in compliance with the requirements of 836 IAC 2-2-3(e).

(4) During transport of the patient, if advanced life support treatment techniques have been initiated or are needed, at least one (1) paramedic shall be in the patient compartment of the ambulance. If advanced life support treatment techniques have not been initiated and are not needed, at least one (1) individual certified as an emergency medical technician or higher shall be in the patient compartment of the ambulance during transport of the patient.

(i) For a paramedic organization, when an advanced life support nontransport vehicle is dispatched, it shall at a minimum be staffed by a paramedic.

(j) The paramedic organization shall notify the commission in writing within thirty (30) days of any change in the services provided.

(k) No certification is required for the following:

(1) A person who provides advanced life support while assisting in the case of a major catastrophe or disaster, whereby persons who are certified to provide emergency medical services or advanced life support are insufficient or are unable to cope with the situation.

(2) An agency or instrumentality of the United States and any paramedics of such agency or instrumentality is not required to be certified nor to conform to the standards prescribed in this article.

(l) The director may issue a provisional certification for the provision of advanced life support as a paramedic organization for the purpose of prehospital training of paramedic students when in the presence of a preceptor or preceptors approved by the commission in accordance with the following procedures:

(1) The provisional certification may be issued to the following:

(A) To an ambulance service provider certified pursuant to IC 16-31 only.

(B) To an advanced emergency medical technician organization certified pursuant to IC 16-31.

(2) The provisional certification may be issued when the following are met:

(A) Upon demonstration by the applicant to the satisfaction of the director, the ambulance to be used for such training is certified pursuant to IC 16-31.

(B) The ambulance meets the requirements of subsection (f) and section 3 of this rule.

(C) The ambulance service provider or advanced emergency medical technician organization has and shall maintain an adequate number of paramedic students, preceptors, and ambulances to provide continuous twenty-four (24) hour advanced life support service.

(3) A fully completed application for provisional certification shall be made on such forms as prescribed by the commission.

(4) The director may issue a provisional certificate for a period not to exceed sixty (60) days beyond the date of the paramedic

course completion as identified on the approved course application. However, the director shall not issue a provisional certificate for a period exceeding twenty-four (24) consecutive months from the starting date of the course as identified on the approved course application.

(5) The issuance of a temporary or full certification invalidates any provisional certification.

(m) The paramedic organization shall, with medical director and chief executive officer approval, allow a graduate of an Indiana approved paramedic course to perform advanced life support under the direction of a preceptor. This person shall be actively pursuing certification as an Indiana certified paramedic. This provision shall be limited from one (1) year from date of course completion as indicated on course report.

(n) Provide for a periodic maintenance program to assure that emergency response vehicles, including equipment, are maintained in good working condition and that strict sanitation procedures are in effect at all times.

(o) Paramedic organization premises, records, parking, or garaging facilities and response vehicles shall be available for inspection by the director, or the director's duly authorized representative, at any time during operating hours.

(p) Each paramedic organization shall have in force and effect public liability insurance in the sum as described in 836 IAC [sic.] 836 IAC 1-3-6 pursuant to IC 16-31. Such proof of insurance shall be made on a form prescribed by the commission. (*Indiana Emergency Medical Services Commission; Advanced Life Support Rule I, A; filed Jan 21, 1977, 11:30 a.m.: Rules and Regs. 1978, p. 200; filed Dec 15, 1977: Rules and Regs. 1978, p. 250; filed Nov 3, 1980, 3:55 p.m.: 3 IR 2216; filed Oct 13, 1981, 10:05 a.m.: 4 IR 2434; errata, 5 IR 400; filed Dec 2, 1983, 2:43 p.m.: 7 IR 364; errata, 7 IR 1254; filed Dec 13, 1985, 9:13 a.m.: 9 IR 1062; filed Aug 18, 1986, 1:00 p.m.: 10 IR 41; filed Oct 11, 1988, 11:05 a.m.: 12 IR 358; filed May 15, 1998, 10:25 a.m.: 21 IR 3892; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2733; filed Apr 4, 2002, 9:15 a.m.: 25 IR 2512; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2348*)

836 IAC 2-2-2 Application for certification; renewal

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 2. (a) Application for certification as a paramedic organization shall be made on forms prescribed by the commission and shall include, but not be limited to, the following:

(1) A narrative summary of plans for providing advanced life support services, including the following:

(A) Defined primary area of response, including location of advanced life support response vehicles.

(B) A listing of paramedics to be affiliated by the paramedic organization.

(C) The staffing pattern of personnel.

(D) Base of operations.

(2) Plans and methodologies to ensure that the trained personnel are provided with supervised continuing education to maintain proficiency. Continuing education is under the direct supervision of the paramedic organization medical director with the cooperation of the supervising hospital.

(3) A listing of medications and special on-board life support equipment, to be carried on board each vehicle as approved by the medical director.

(4) All scheduled medications shall be stored in a locked container within a locked compartment. Medications storage shall be approved in writing by medical director or issuing pharmacy.

(5) Letter of approval from the supervising hospital stating acceptance of the paramedics, compatibility of the UHF communications with the paramedic organization's vehicles, and agreement to fulfill the responsibilities of the supervising hospital.

(b) Paramedic organizations that do not also provide transportation of emergency patients shall submit a copy of a current and binding contract between the nontransporting paramedic organization and an ambulance service provider certified pursuant to IC 16-31. The contract shall ensure that the nontransporting paramedic provider can be assured that patients treated shall be transported in a timely and safe manner. The contract shall not preclude another ambulance service provider, if available, from transporting the patients.

(c) Upon approval, a paramedic organization shall be issued certification for the provisions of advanced life support certification. The certificate issued is valid for a period of two (2) years and shall be prominently displayed at the place of business.

(d) Application for paramedic organization certification renewal should be made not less than sixty (60) days prior to the expiration date of the current certification. Application for renewal shall be made on forms prescribed by the commission and shall

show evidence of compliance with the requirements as set forth for original certification.

(e) Upon approval, a certificate shall be issued by the director to the paramedic organization for v each vehicle. The certificate shall be valid for two (2) years unless earlier revoked or suspended by the commission. The vehicle certificate shall be prominently displayed within the vehicle. (*Indiana Emergency Medical Services Commission; Advanced Life Support Rule I, B; filed Jan 21, 1977, 11:30 a.m.: Rules and Regs. 1978, p. 202; filed Nov 3, 1980, 3:55 p.m.: 3 IR 2218; errata, 4 IR 531; filed Oct 13, 1981, 10:05 a.m.: 4 IR 2436; filed Dec 2, 1983, 2:43 p.m.: 7 IR 366; errata, 7 IR 1254; filed Dec 13, 1985, 9:13 a.m.: 9 IR 1064; filed May 15, 1998, 10:25 a.m.: 21 IR 3895; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2735*)

836 IAC 2-2-3 Paramedic organization operating procedures

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 3. (a) Each paramedic organization shall comply with the ambulance service provider operating procedures of 836 IAC 1-2-3.

(b) Each paramedic organization shall establish daily equipment checklist procedures to ensure the following:

- (1) Electronic and mechanical equipment are in proper operating condition.
- (2) Emergency response vehicles are maintained in a safe operating condition at all times.
- (3) All required medications and intravenous fluids approved by the medical director of the paramedic organization and the supervising hospital are on board all nontransport emergency medical services vehicles and ambulances when used for the provision of advanced life support and available to the paramedic.

(c) A copy of the medication list and protocols shall be maintained by the paramedic organization and the supervising hospital emergency department. Any changes to the medications list shall be forwarded to the commission within thirty (30) days.

(d) All medications and advanced life support supplies are to be supplied by order of the medical director. Accountability for distribution, storage, ownership, and security of medications is subject to applicable requirements as determined by the Indiana board of pharmacy and the Drug Enforcement Administration.

(e) The paramedic organization shall ensure that all ambulances used for the provision of advanced life support contain the emergency care equipment required in 836 IAC 1-3-5, the rescue equipment required in 836 IAC 1-3-4, and communication equipment required in 836 IAC 1-4-2. The advanced life support emergency medical services vehicles shall also carry the following equipment:

- (1) Portable defibrillator with self-contained cardiac monitor and ECG strip writer and equipped with defibrillation pads or paddles appropriate for both adult and pediatric defibrillation. This may be the defibrillator listed in 836 IAC 1-3-5(1)(L).
- (2) Tracheal suction catheters (adult #14 and #18, child #10).
- (3) Endotracheal intubation devices, including the following:
 - (A) Laryngoscope with extra batteries and bulbs.
 - (B) Laryngoscope blades (adult and pediatric, curved and straight).
 - (C) Disposable endotracheal tubes, a minimum of two (2) each, sterile packaged, in sizes 3, 4, 5, 6, 7, 8, and 9 millimeters inside diameter.

(4) Intravenous fluids, medication, and administration supplies approved by the medical director.

(5) A current copy of advanced life support protocols shall be maintained on board the emergency medical services vehicle at all times.

(6) A copy of the medication list, including quantities and concentrations approved by the medical director.

(7) All minimum required medications as approved by the medical director.

(f) The paramedic organization shall ensure that all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements in 836 IAC 2-14.

(g) Each paramedic organization shall ensure that rigid sanitation procedures are in effect at all times. The following sanitation standards apply to all vehicles used for the purpose of providing advanced life support services:

- (1) The interior and the equipment within the vehicle shall be clean and maintained in good working order at all times.
- (2) Freshly laundered linen or disposable linens shall be used on litters and pillows, and linen changed after each patient is transported.
- (3) Clean linen storage shall be provided.

- (4) Closed compartments shall be provided within the vehicle for medical supplies.
- (5) Closed containers shall be provided for soiled supplies.
- (6) Blankets shall be kept clean and stored in closed compartments.
- (7) Single service implements inserted into the patient's nose or mouth shall be wrapped and properly stored and handled. Multi-use items are to be kept clean and sterile when indicated and properly stored.
- (8) When a vehicle has been utilized to transport a patient known to have a communicable disease, the vehicle shall be cleansed and all contact surfaces washed with soap and water and disinfected.
- (9) All scheduled medications shall be stored in a locked container within a locked compartment. Medications storage shall be approved in writing by medical director or issuing pharmacy.

(h) A paramedic organization shall not operate an ambulance or other vehicle used for the provision of advanced life support unless the ambulance or vehicle is in full compliance with this article unless the vehicle is a nontransport emergency medical services vehicle returning from the site of the provision of advanced life support by the equipment, supplies, and personnel previously on board the nontransport emergency medical services vehicle, nor shall a paramedic organization transport any emergency patient or patient receiving advanced life support in any vehicle except an ambulance certified pursuant to IC 16-31.

(i) Provisions for temporary vehicle certification are addressed in 836 IAC 1-2-3.

(j) Paramedics are prohibited from having in their possession, or maintained on board emergency response vehicles, any advanced life support equipment or supplies that have not been approved by paramedic organization medical director. (*Indiana Emergency Medical Services Commission; Advanced Life Support Rule I, C; filed Jan 21, 1977, 11:30 a.m.: Rules and Regs. 1978, p. 204; filed Nov 3, 1980, 3:55 p.m.: 3 IR 2219; filed Oct 13, 1981, 10:05 a.m.: 4 IR 2437; errata, 5 IR 400; filed Dec 2, 1983, 2:43 p.m.: 7 IR 367; errata, 7 IR 1254; filed Dec 13, 1985, 9:13 a.m.: 9 IR 1065; filed Aug 18, 1986, 1:00 p.m.: 10 IR 43; filed Oct 11, 1988, 11:05 a.m.: 12 IR 360; filed May 15, 1998, 10:25 a.m.: 21 IR 3896; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2736*)

Rule 3. Requirements and Standards for Emergency Paramedic Training (Repealed)

(Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930)

Rule 3.1. Paramedic Training (Repealed)

(Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759)

Rule 4. Requirements and Standards for Supervising Hospitals (Repealed)

(Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930)

Rule 4.1. Supervising Hospitals

836 IAC 2-4.1-1 General requirements

Authority: IC 16-31-2-7

Affected: IC 16-31-3-14

Sec. 1. (a) All hospitals supervising, or seeking to supervise, an emergency medical services provider organization that provides advanced life support services shall be certified by the commission. Application for certification shall be submitted to the commission no less than ninety (90) days prior to the date for which approval is requested. Application for certification shall be made on forms prescribed by the commission.

(b) Commission certification as a supervising hospital shall be valid for three (3) years.

(c) Application for the renewal shall be made on forms prescribed by the commission. The application shall document compliance with this rule.

(d) Procedures for the suspension, revocation, or termination of certification pursuant to IC 16-31-3-14 apply to supervising hospitals. Citations and restrictions issued under this subsection shall apply to the duration of the supervising hospital's current certification. (*Indiana Emergency Medical Services Commission; 836 IAC 2-4.1-1; filed May 15, 1998, 10:25 a.m.: 21 IR 3898*)

836 IAC 2-4.1-2 Certification as a supervising hospital; renewal

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 2. Hospitals seeking commission certification shall meet the following minimum requirements:

(1) Have an emergency department open and staffed by a physician twenty-four (24) hours a day.

(2) The hospital's administration shall have approved a written contractual agreement, or interdepartmental memo if hospital based, with one (1) or more emergency medical services provider organizations that furnish advanced life support service. The contract shall include a detailed description of the following services to be provided by the hospital to the certified emergency medical service provider organization:

(A) Continuing education.

(B) Audit and review.

(C) Medical control and direction.

(D) Provision of arrangements and the supervision of arrangements for the supply of medications and other items utilized by emergency medical service clinical personnel in the provision of advanced life support service.

(E) Provision and supervision of arrangements that allow the emergency medical services clinical personnel affiliated with the supervised emergency medical service provider to function within appropriate hospital departments in order to obtain continuing practice in their clinical skills.

(3) Provide and maintain a voice communication system between the emergency medical service provider organization response personnel and the hospital's emergency department. The communications system shall be licensed by the Federal Communications Commission.

(4) The hospital shall provide a physician or physician designate, authorized in writing by the hospital's medical staff, who is at all times immediately available to supervise the medical procedures performed by the emergency medical service provider organization's clinical personnel via the voice communication system.

(5) The hospital shall establish a process for the audit and review of medical procedure performed by the clinical personnel of the emergency medical service provider organization. Requirements for audit and review are as follows:

(A) The audit shall ensure an appropriate level of compliance with medical protocols and appropriate level of skill in the performance of medical techniques by those personnel.

(B) The results of the audit shall be reviewed with the emergency medical service personnel.

(C) Documentation for the audit shall include the following:

(i) The criteria used to select audited runs.

(ii) Problem identification and resolution.

(iii) Date of review.

(iv) Attendance at the review.

(v) A summary of the discussion at the review.

(D) The audit and review shall be conducted by the medical control committee as defined in subdivision (9).

(6) The supervising hospital shall review and approve the in-service of the certified paramedics affiliated with the emergency medical services provider organization.

(7) Send a roster of clinical personnel whose sole advanced life support affiliation is with the supervising hospital.

(8) The supervising hospital shall report in writing any changes, including affiliated clinical personnel, within thirty (30) days.

(9) The supervising hospital shall establish a medical control committee for audit and review of medical procedures performed by the advanced life support personnel and establish policies for medical direction and control. The membership of the medical control committee shall be as follows:

(A) Medical director of provider organization.

(B) Emergency department supervisory personnel.

(C) Provider organization supervisory personnel.

(D) EMS educator.

(E) Advanced life support personnel of appropriate level from provider organization.

(Indiana Emergency Medical Services Commission; 836 IAC 2-4.1-2; filed May 15, 1998, 10:25 a.m.: 21 IR 3899; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2737; filed Apr 4, 2002, 9:15 a.m.: 25 IR 2514)

Rule 5. Requirements and Standards for Sponsoring Hospitals (Repealed)

(Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930)

Rule 6. Certification of Emergency Paramedics

836 IAC 2-6-1 General certification (Repealed)

Sec. 1. *(Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759)*

836 IAC 2-6-2 Application for certification; renewal (Repealed)

Sec. 2. *(Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759)*

836 IAC 2-6-3 Continuing education requirements (Repealed)

Sec. 3. *(Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759)*

836 IAC 2-6-4 Continuing education reporting requirements (Repealed)

Sec. 4. *(Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930)*

836 IAC 2-6-5 Paramedic certification based upon reciprocity (Repealed)

Sec. 5. *(Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759)*

Rule 7. Requirements and Standards for Provider Organizations (Repealed)

(Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930)

Rule 7.1. Advanced EMT Provider Organizations; Requirements; Standards

836 IAC 2-7.1-1 Advanced emergency medical technician organizations; general requirements

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 1. (a) The advanced emergency medical technician provider organization certification provides authority to perform skills set forth and approved by the commission for which certification is granted. The medical director may limit the skills according to local protocols.

(b) Certification by the commission is required for any ambulance service provider who seeks to provide advanced life support services as an advanced emergency medical technician organization unless provisional certification is issued pursuant to subsection (k).

(c) If the advanced emergency medical technician organization also provides transportation of emergency patients, the advanced emergency medical technician organization shall be certified as an ambulance service provider in accordance with the requirements specified in 836 IAC 1. The advanced emergency medical technician nontransport organization shall meet the requirements specified in 836 IAC 1-2-2(a), and 836 IAC 1-11-3(o) through 836 IAC 1-11-3(q).

(d) The advanced emergency medical technician organization shall ensure that:

(1) the ambulances used are certified and meet the requirements specified in 836 IAC 1-3; and

(2) all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements required in 836 IAC 2-14.

(e) The advanced emergency medical technician organization shall have agreed by contract or interdepartmental memo if it is a hospital based organization with one (1) or more supervising hospitals for the following services:

- (1) Continuing education.
- (2) Audit and review.
- (3) Medical control and direction.
- (4) Liaison and direction for supply of intravenous fluids and other items utilized by advanced emergency medical technicians.
- (5) Provision to allow the advanced emergency medical technicians affiliated with the supervised advanced emergency medical technician organization to function within appropriate hospital departments in order to obtain continuing practice in their clinical skills.

The contract shall include a detailed description of how such services shall be provided to the advanced emergency technician organization. In those cases where more than one (1) hospital contracts, or seeks to contract with, an advanced emergency medical technician organization as a supervising hospital, an interhospital agreement shall be provided to the commission that shall clearly define the specific duties and responsibilities of each hospital to ensure medical and administrative accountability of system operation.

(f) The advanced emergency medical technician organization shall have a medical director provided by the advanced emergency medical technician organization, or jointly with the supervising hospital, who is a physician who holds a currently valid unlimited license to practice medicine in Indiana and has an active role in the delivery of emergency care. The medical director is responsible for providing competent medical direction as established by the medical control committee and overall supervision of the medical aspect of the advanced emergency medical technician organization. Upon establishment of a medical control policy, the advanced emergency medical technician organization medical director and the chief executive officer have the duty to enact the policy within the advanced emergency medical technician organization and accordingly enforce the policy. The duties and responsibilities of the medical director include, but are not limited to, the following:

- (1) Providing liaison with physicians.
 - (2) Assuring that appropriate intravenous solutions, supplies, and equipment are available to the advanced emergency medical technician organization.
 - (3) Monitor and evaluate day-to-day medical operation.
 - (4) Assist the supervising hospital in the coordination of in-service training programs.
 - (5) Provide information concerning the operation of the advanced emergency medical technician organization.
 - (6) Provide individual consultation to advanced emergency medical technicians.
 - (7) Assure continued competence of advanced emergency medical technicians affiliated with, or employed by, the advanced emergency medical technician organization.
 - (8) Participate in the quarterly audit and review of cases treated by advanced emergency medical technicians of the provider organization.
 - (9) Establish protocols for advanced life support.
 - (10) Establish and publish a list of intravenous fluids and administration supplies, including minimum quantities to be carried on the vehicle.
- (g) Each advanced emergency medical technician organization shall notify the commission in writing within thirty (30) days:
- (1) of assigning any individual to perform the duties and responsibilities required of an advanced emergency medical technician, and this notification shall be signed by the provider organization and medical director of the provider organization; and
 - (2) if an advanced emergency medical technician:
 - (A) terminates employment;
 - (B) terminates affiliation; or
 - (C) for any reason is prohibited from performing the procedures for which certification was granted.

(h) When advanced life support services administered by advanced emergency medical technicians at the scene of an accident or illness are continued en route to an emergency facility, as a minimum, the patient compartment of the ambulance shall be staffed by not less than one (1) person certified as an advanced emergency medical technician.

(i) The advanced emergency medical technician organization shall notify the commission in writing within thirty (30) days of any change in the advanced life support services provided for which certification was granted.

(j) No certification is required for the following:

- (1) A person who provides advanced life support while assisting in the case of a major catastrophe disaster whereby persons who are certified to provide emergency medical services or advanced life support are insufficient or are unable to cope with

the situation.

(2) An agency or instrumentality of the United States and any advanced emergency medical technicians of such agency or instrumentality are not required to be certified nor to conform to the standards prescribed in this article unless the agency or instrumentality seeks to provide service to citizens of Indiana off of the federal area.

(k) The director may issue a provisional certification for the provision of advanced life support as an advanced emergency medical technician organization for the purpose of prehospital training of advanced emergency medical technician students when in the presence of a preceptor approved by the commission in accordance with the following procedures:

(1) The provisional certification may be issued to an ambulance service provider certified pursuant to IC 16-31.

(2) The provisional certification may be issued when the following are met:

(A) Upon demonstration by the applicant to the satisfaction of the director, the ambulance to be used for such training is certified pursuant to IC 16-31 and meets the requirements of this article.

(B) The ambulance service provider has and will maintain an adequate number of advanced emergency medical technician students, preceptors, and ambulances to provide continuous twenty-four (24) hour advanced life support service.

(3) A fully completed application for provisional certification shall be made on forms as prescribed by the commission.

(4) The director may issue a provisional certificate for a period not to exceed sixty (60) days beyond the date the advanced emergency medical technician course completion as identified on the approved course application. However, the director shall not issue a provisional certificate for a period exceeding six (6) consecutive months from the starting date of the course as identified on the approved course application.

(5) The issuance of certification invalidates any provisional certification.

(l) Provide for a periodic maintenance program to assure that:

(1) emergency response vehicles, including equipment, are maintained in good working condition; and

(2) applicable sanitation procedures are in effect at all times.

(m) Advanced emergency medical technician organization premises, records, parking, or garaging facilities and response vehicles shall be available for inspection by the director, or the director's duly authorized representative, at any time during operating hours.

(n) Each advanced emergency medical technician organization shall have in force and effect public liability insurance in the sum as described in 836 IAC 1-3-6 pursuant to IC 16-31. Such proof of insurance shall be made on a form prescribed by the commission.

(o) The advanced emergency medical technician organization shall maintain a communications system that shall be available twenty-four (24) hours a day between the advanced emergency medical technician organization and the emergency department, or equivalent, of the supervising hospital using voice communications. The communications system shall be licensed by the Federal Communications Commission.

(p) Each nontransport vehicle used for the purpose of providing advanced life support services when dispatched on an emergency run need only to be staffed, as a minimum, by a certified advanced emergency medical technician. (*Indiana Emergency Medical Services Commission; 836 IAC 2-7.1-1; filed Apr 6, 1988, 9:55 a.m.: 11 IR 2875; filed May 15, 1998, 10:25 a.m.: 21 IR 3904; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2738; filed Apr 4, 2002, 9:15 a.m.: 25 IR 2515; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2350*)

836 IAC 2-7.1-2 Application for certification

Authority: IC 16-31-2-7

Affected: IC 4-21.5; IC 16-31-3-8; IC 16-31-3-20

Sec. 2. (a) Application for certification as an advanced emergency medical technician organization shall be made on forms prescribed by the commission and include, but not be limited to, the following:

(1) A narrative summary of plans for providing advanced life support services, including the following:

(A) Defined primary area of response, including the location of advanced life support response vehicles.

(B) A list of advanced emergency medical technicians affiliated with the advanced emergency medical technician organization.

(C) The staffing pattern of personnel.

(D) Base of operations.

(2) Plans and methodologies to ensure that the trained personnel are provided with supervised continuing education to maintain proficiency. Continuing education is under the direct supervision of the advanced emergency medical technician organization medical director with the cooperation of the supervising hospital.

(3) A listing of advanced life support equipment and supplies and special on-board life support equipment to be carried on board each vehicle as approved by the medical director.

(4) A letter of approval from the supervising hospital stating acceptance of the advanced emergency medical technicians' capability of communications with the advanced emergency medical technician organization's vehicles and a copy of the contract.

(b) Advanced emergency medical technician provider organizations that do not also provide transportation of emergency patients shall submit a copy of a current and binding contract between the nontransporting advanced emergency medical technician organization and a certified ambulance service provider. The contract shall provide that the nontransporting advanced emergency medical technician organization assures that patients treated shall be transported in a timely and safe manner. The contract shall not preclude another ambulance service provider, if available, from transporting the patients.

(c) Upon approval, an advanced emergency medical technician organization shall be granted certification for the provision of advanced life support services as specified in this article. The certificate issued is valid for a period of two (2) years and shall be prominently displayed at the place of business.

(d) Application for advanced emergency medical technician organization certification renewal should be made not less than sixty (60) days prior to the expiration date of the current certification. Application for renewal will be made on forms prescribed by the commission and show evidence of compliance with the requirements as set forth for original certification.

(e) Upon approval, a certificate shall be issued by the director to the advanced emergency medical technician organization for all vehicles. The certificate shall be valid for two (2) years unless earlier revoked or suspended by the commission. The vehicle certificate shall be prominently displayed within the vehicle. (*Indiana Emergency Medical Services Commission; 836 IAC 2-7.1-2; filed Apr 6, 1988, 9:55 a.m.: 11 IR 2877; filed May 15, 1998, 10:25 a.m.: 21 IR 3907; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2740*)

836 IAC 2-7.1-3 Advanced emergency medical technician organization; operating procedures

Authority: IC 16-31-2-7

Affected: IC 4-21.5; IC 16-31-3

Sec. 3. (a) Each advanced emergency medical technician organization shall comply with the ambulance services provider operating procedures of 836 IAC 1-2-3.

(b) Each advanced emergency medical technician organization shall establish daily equipment checklist procedures to ensure the following:

(1) Mechanical and electronic equipment is in proper operating condition.

(2) Emergency response vehicles are maintained in a safe operating condition at all times.

(3) Advanced life support equipment and supplies are available and functional.

(c) A copy of the protocols and list of intravenous fluids and administration supplies shall be maintained by the advanced emergency medical technician organization and the supervising hospital emergency department. Any changes to the protocols and list shall be forwarded to the commission within thirty (30) days.

(d) The following requirements apply to the use of advanced life support equipment and supplies by advanced emergency medical technicians:

(1) Advanced emergency medical technicians are prohibited from having in their possession, or maintained on-board emergency response vehicles, any advanced life support equipment or supplies that have not been approved by the advanced emergency medical technician organization medical director.

(2) Lost, stolen, or misused advanced life support supplies will be replaced only on the order of the advanced emergency medical technician organization medical director.

(3) Advanced emergency medical technicians are prohibited from initiating advanced life support procedures without first establishing two-way voice communication with a physician or an individual authorized in writing to act on behalf of a physician unless the supervising hospital medical staff and provider organization medical director authorize standing orders.

(4) Accountability for distribution, storage, ownership, and security of advanced life support equipment and supplies shall

be subject to applicable requirements as determined by the Indiana board of pharmacy.

(e) Each advanced emergency medical technician organization shall ensure that rigid sanitation procedures are in effect at all times. The following minimum sanitation standards shall apply to all vehicles used for the purpose of providing advanced life support services:

- (1) The interior and the equipment within the vehicle shall be cleaned and maintained in good working order at all times.
- (2) Freshly laundered linen or disposable linens shall be used on litters and pillows, and linen shall be changed after each patient is transported.
- (3) Clean linen storage shall be provided.
- (4) Closed compartments shall be provided within the vehicle for medical supplies.
- (5) Closed compartments shall be provided for soiled supplies.
- (6) Blankets shall be kept clean and stored in closed compartments.
- (7) Implements inserted into the patient's nose or mouth shall be single-service, wrapped, and properly stored and handled. Multi-use items are to be kept clean and sterile when indicated and properly stored.
- (8) When a vehicle has been utilized to transport a patient known to have a communicable disease, the vehicle shall be cleansed and all contact surfaces shall be washed with soap and water and disinfected.

(f) The advanced emergency medical technician organization shall ensure that all ambulances used for the provision of advanced life support contain the emergency care equipment required in 836 IAC 1-3-5, the rescue equipment required in 836 IAC 1-3-4, and the communication equipment required in 836 IAC 1-4-2. The advanced life support emergency medical services vehicles shall also carry the following equipment:

- (1) One (1) portable ECG monitor/defibrillator with defibrillation pads or paddles, which may be the defibrillator listed in 836 IAC 1-3-5(1)(L).
- (2) Intravenous fluids and administration supplies as approved by the medical director.
- (3) A current copy of advanced life support protocols shall be maintained on board the emergency medical services vehicle at all time.
- (4) A copy of the list of intravenous fluids and administration sets, including quantities as approved by the medical director.
- (g) The advanced emergency medical technician organization shall ensure that all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements in 836 IAC 2-14.

(h) Notwithstanding subsection (c), an advanced emergency medical technician provider organization and any affiliated advanced emergency medical technician possessing approval for intravenous line placement from the medical director may transport and treat a patient or patients from a medical care facility if the only advanced life support procedure that has been previously initiated for the patient or patients is an intravenous line or lines administering prepackaged solutions of dextrose or electrolytes that may contain the following additives and no others:

- (1) Vitamins.
- (2) Sodium chloride, excluding saline solutions in excess of nine-tenths percent (0.9%) concentration.
- (3) Potassium chloride (forty (40) milliequivalent per liter maximum).
- (4) Cortisone.
- (5) Antibiotics.

This requirement applies so long as the ambulance meets all certification requirements pursuant to IC 16-31 and all staffing and equipment requirements of section 1(h) of this rule and subsection (e) and contains sufficient quantities of the intravenous supplies and solutions received by the patient or patients in order to maintain the patient's established medical intervention and to manage patient complications that may be reasonably anticipated to occur en route to the patient's destination.

(i) An advanced emergency medical technician organization shall not:

(1) operate an ambulance or other vehicle used for the provision of advanced life support unless:

- (A) the ambulance or vehicle is in full compliance with this article;
- (B) the vehicle is a nontransport emergency medical services vehicle returning from the site of the provision of advanced life support by the equipment, supplies, and personnel previously on board the nontransport emergency medical services vehicle; or

(2) transport any emergency patient or patient receiving advanced life support in any vehicle except an ambulance certified pursuant to IC 16-31.

(j) Provisions for temporary vehicle certification are addressed in 836 IAC 1-2-3. (*Indiana Emergency Medical Services*

Commission; 836 IAC 2-7.1-3; filed Apr 6, 1988, 9:55 a.m.: 11 IR 2878; filed May 15, 1998, 10:25 a.m.: 21 IR 3908; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2740)

Rule 7.2. Requirements and Standards for Advanced Emergency Medical Technician Intermediate Organizations

836 IAC 2-7.2-1 General requirements for advanced emergency medical technician intermediate organizations

Authority: IC 16-31-2-7

Affected: IC 4-21.5; IC 16-31-3

Sec. 1. (a) Certification by the commission is required for any ambulance service provider who seeks to provide advanced life support services as an advanced emergency medical technician intermediate organization unless provisional certification is issued pursuant to subsection (p).

(b) If the advanced emergency medical technician intermediate organization also provides transportation of emergency patients, the advanced emergency medical technician intermediate organization shall be certified as an ambulance service provider in accordance with the requirements specified in 836 IAC 1 pursuant to IC 16-31. The advanced emergency medical technician intermediate nontransport organizations shall meet the requirements specified in 836 IAC 1-2-2(a) and 836 IAC 1-11-3(o) through 836 IAC 1-11-3(q).

(c) The advanced emergency medical technician intermediate organization shall ensure that:

(1) ambulances used are certified and meet the requirements specified in 836 IAC 1-3; and

(2) all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements in 836 IAC 2-14.

(d) Advanced emergency medical technician intermediate organizations shall have a contract, or interdepartmental memo if hospital based, with one (1) or more supervising hospitals for the following services:

(1) Continuing education.

(2) Audit and review.

(3) Medical control and direction.

(4) Provision of arrangements and the supervision of arrangements for the supply of medications and other items utilized by emergency medical service clinical personnel in the provision of advanced life support service.

(5) Provision to allow the advanced emergency medical technician intermediates affiliated with the supervised advanced emergency medical technician intermediate organization to function within the appropriate hospital department in order to obtain continuing practice in their clinical skills.

The contract or interdepartmental memo shall include a detailed description of how such services shall be provided to the advanced emergency medical technician intermediate organization. In those cases where more than one (1) hospital contracts, or seeks to contract, with an advanced emergency medical technician intermediate provider organization as a supervising hospital, an interhospital agreement shall be provided to the commission that shall clearly define the specific duties and responsibilities of each hospital to ensure medical and administrative accountability of system operation.

(e) The advanced emergency medical technician intermediate organization shall have a medical director provided by the advanced emergency medical technician intermediate organization, or jointly with the supervising hospital, who shall be a physician who holds a currently valid unlimited license to practice medicine in Indiana and has an active role in the delivery of emergency care. The medical director is responsible for providing competent medical direction as established by the medical control committee. Upon establishment of a medical control policy, the advanced emergency medical technician intermediate organization medical director and the chief executive officer have the duty to enact the policy within the advanced emergency medical technician intermediate organization and accordingly enforce the policy. The duties and responsibilities of the medical director include, but are not limited to, the following:

(1) Provide liaison with physicians and the medical community.

(2) Assure that the drugs, medications, supplies, and equipment are available to the advanced emergency medical technician intermediate organization.

(3) Monitor and evaluate day-to-day medical operations of advanced emergency medical technician intermediate organizations.

(4) Assist in the provision and coordination of continuing education.

- (5) Provide information concerning the operation of the advanced emergency medical technician intermediate organization.
- (6) Provide individual consultation to advanced emergency medical technician intermediates.
- (7) Participate in at least quarterly audit and review of cases treated by advanced emergency medical technician intermediates of the supervising hospital.
- (8) Attest to the competency of advanced emergency medical technician intermediates affiliated with the advanced emergency medical technician intermediate organization to perform skills required of an advanced emergency medical technician intermediate under 836 IAC 4-7.1.
- (9) Establish protocols for advanced life support.
- (10) Establish and publish a list of medications, including minimum quantities and dosages to be carried on the vehicle.
- (f) The advanced emergency medical technician intermediate organization shall maintain a communications system that shall be available twenty-four (24) hours a day between the advanced emergency medical technician intermediate organization and the emergency department, or equivalent, of the supervising hospital using UHF (ultra high frequency) voice communications. The communications system shall be licensed by the Federal Communications Commission.
- (g) Each advanced emergency medical technician intermediate organization shall do the following:
 - (1) Maintain an adequate number of trained personnel and emergency response vehicles to provide continuous, twenty-four (24) hour advanced life support services.
 - (2) Notify the commission in writing within thirty (30) days of assigning any individual to perform the duties and responsibilities required of an advanced emergency medical technician intermediate. This notification shall be signed by the provider organization and medical director of the provider organization.
 - (3) Notify the commission in writing within thirty (30) days of an advanced emergency medical technician intermediate's termination of employment or for any reason that prohibits a certified individual from performing the procedures required of an advanced emergency medical technician intermediate.
- (h) An advanced emergency medical technician intermediate organization ambulance service provider must be able to provide an advanced life support response. For the purpose of this subsection, an "advanced life support response" consists of the following:
 - (1) An advanced emergency medical technician intermediate.
 - (2) An emergency medical technician.
 - (3) An ambulance in compliance with the requirements of 836 IAC 2-7.2-3(f) *[section 3(f) of this rule]*.
 - (4) During transport of the patient, if advanced life support treatment techniques have been initiated or are needed, at least one (1) advanced emergency medical technician intermediate shall be in the patient compartment of the ambulance. If advanced life support treatment techniques have not been initiated and are not needed, at least one (1) individual certified as an emergency medical technician or higher shall be in the patient compartment of the ambulance during transport of the patient.
- (i) For an advanced emergency medical technician intermediate organization, when an advanced life support nontransport vehicle is dispatched, it shall at a minimum be staffed by an advanced emergency medical technician intermediate.
- (j) The advanced emergency medical technician intermediate organization shall notify the commission in writing within thirty (30) days of any change in the services provided.
- (k) No certification is required for the following:
 - (1) A person who provides advanced life support while assisting in the case of a major catastrophe or disaster, whereby persons who are certified to provide emergency medical services or advanced life support are insufficient or are unable to cope with the situation.
 - (2) An agency or instrumentality of the United States and any advanced emergency medical technician intermediate of such agency or instrumentality is not required to be certified nor to conform to the standards prescribed in this article.
 - (3) Rendering assistance to persons certified to provide emergency ambulance service or to advanced emergency medical technician intermediates.
 - (4) Operating from a location or headquarters outside Indiana to provide emergency ambulance services to patients who are picked up outside Indiana for transportation to location within Indiana.
- (l) The director may issue a provisional certification for the provision of advanced life support as an advanced emergency medical technician intermediate organization for the purpose of prehospital training of advanced emergency medical technician intermediate students when in the presence of a preceptor or preceptors approved by the commission in accordance with the following procedures:

- (1) The provisional certification may be issued to either of the following:
 - (A) An ambulance service provider certified pursuant to IC 16-31 only.
 - (B) An advanced emergency medical technician organization certified pursuant to IC 16-31.
- (2) The provisional certification may be issued when the following are met:
 - (A) Upon demonstration by the applicant to the satisfaction of the director, the ambulance to be used for such training is certified pursuant to IC 16-31.
 - (B) The ambulance meets the requirements of subsection (f) and section 3 of this rule.
 - (C) The ambulance service provider or advanced emergency medical technician organization has and shall maintain an adequate number of advanced emergency medical technician intermediate students, preceptors, and ambulances to provide continuous twenty-four (24) hour advanced life support service.
- (3) A fully completed application for provisional certification shall be made on such forms as prescribed by the commission.
- (4) The director may issue a provisional certificate for a period not to exceed sixty (60) days beyond the date of the advanced emergency medical technician intermediate course completion as identified on the approved course application. However, the director shall not issue a provisional certificate for a period exceeding twenty-four (24) consecutive months from the starting date of the course as identified on the approved course application.
- (5) The issuance of a temporary or full certification invalidates any provisional certification.
- (m) The advanced emergency medical technician intermediate organization shall, with medical director and chief executive officer approval, allow a graduate of an Indiana approved advanced emergency medical technician intermediate course to perform advanced life support under the direction of a preceptor. This person shall be actively pursuing certification as an Indiana certified advanced emergency medical technician intermediate. This provision shall be limited from one (1) year from date of course completion as indicated on course report.
- (n) Provide for a periodic maintenance program to assure that emergency response vehicles, including equipment, are maintained in good working condition and that strict sanitation procedures are in effect at all times.
- (o) Advanced emergency medical technician intermediate organization premises, records, parking, or garaging facilities and response vehicles shall be available for inspection by the director, or the director's duly authorized representative, at any time during operating hours.
- (p) Each advanced emergency medical technician intermediate organization shall have in force and effect public liability insurance in the sum as described in 836 IAC 1-3-6 pursuant to IC 16-31. Such proof of insurance shall be made on a form prescribed by the commission. (*Indiana Emergency Medical Services Commission; 836 IAC 2-7.2-1; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2353*)

836 IAC 2-7.2-2 Application for certification; renewal

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 2. (a) Application for certification as an advanced emergency medical technician intermediate organization shall be made on forms prescribed by the commission and shall include, but not be limited to, the following:

- (1) A narrative summary of plans for providing advanced life support services, including the following:
 - (A) Defined primary area of response, including location of advanced life support response vehicles.
 - (B) A listing of advanced emergency medical technician intermediates to be affiliated by the advanced emergency medical technician intermediate organization.
 - (C) The staffing pattern of personnel.
 - (D) Base of operations.
- (2) Plans and methodologies to ensure that the trained personnel are provided with supervised continuing education to maintain proficiency. Continuing education is under the direct supervision of the advanced emergency medical technician intermediate organization medical director with the cooperation of the supervising hospital.
- (3) A listing of medications and special on-board life support equipment, to be carried on board each vehicle as approved by the medical director.
- (4) All scheduled medications shall be stored in a locked container within a locked compartment. Medications storage shall be approved in writing by medical director or issuing pharmacy.

(5) Letter of approval from the supervising hospital stating acceptance of the advanced emergency medical technician intermediates, compatibility of the UHF communications with the advanced emergency medical technician intermediate organization's vehicles, and agreement to fulfill the responsibilities of the supervising hospital.

(b) Advanced emergency medical technician intermediate organizations that do not also provide transportation of emergency patients shall submit a copy of a current written agreement between the nontransporting advanced emergency medical technician intermediate organization and an ambulance service provider certified pursuant to IC 16-31. The agreement shall ensure that the nontransporting advanced emergency medical technician intermediate provider can be assured that patients treated shall be transported in a timely and safe manner. The agreement shall not preclude another ambulance service provider, if available, from transporting the patients.

(c) Upon approval, an advanced emergency medical technician intermediate organization shall be issued certification for the provisions of advanced life support certification. The certificate issued is valid for a period of two (2) years and shall be prominently displayed at the place of business.

(d) Application for advanced emergency medical technician intermediate organization certification renewal should be made not less than sixty (60) days prior to the expiration date of the current certification. Application for renewal shall be made on forms prescribed by the commission and shall show evidence of compliance with the requirements as set forth for original certification.

(e) Upon approval, a certificate shall be issued by the director to the advanced emergency medical technician intermediate organization for each vehicle. The certificate shall be valid for two (2) years unless earlier revoked or suspended by the commission. The vehicle certificate shall be prominently displayed within the vehicle. (*Indiana Emergency Medical Services Commission; 836 IAC 2-7.2-2; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2355*)

836 IAC 2-7.2-3 Advanced emergency medical technician intermediate organization operating procedures

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 3. (a) Each advanced emergency medical technician intermediate organization shall comply with the ambulance service provider operating procedures of 836 IAC 1-2-3.

(b) Each advanced emergency medical technician intermediate organization shall establish daily equipment checklist procedures to ensure the following:

(1) Electronic and mechanical equipment are in proper operating condition.

(2) Emergency response vehicles are maintained in a safe operating condition at all times.

(3) All required medications and intravenous fluids approved by the medical director of the advanced emergency medical technician intermediate organization and the supervising hospital are on-board all nontransport emergency medical services vehicles and ambulances when used for the provision of advanced life support and available to the advanced emergency medical technician intermediate.

(c) A copy of the medication list and protocols shall be maintained by the advanced emergency medical technician intermediate organization and the supervising hospital emergency department. Any changes to the medications list shall be forwarded to the commission within thirty (30) days.

(d) All medications and advanced life support supplies are to be supplied by order of the medical director. Accountability for distribution, storage, ownership, and security of medications is subject to applicable requirements as determined by the Indiana board of pharmacy and the Drug Enforcement Administration.

(e) The advanced emergency medical technician intermediate organization shall ensure that stocking and administration of supplies and medications are limited to the Indiana advanced emergency medical technician intermediate curriculum. Procedures performed by the advanced emergency medical technician intermediate are also limited to the Indiana advanced emergency medical technician intermediate curriculum.

(f) The advanced emergency medical technician intermediate organization shall ensure that all ambulances used for the provision of advanced life support contain the emergency care equipment required in 836 IAC 1-3-5, the rescue equipment required in 836 IAC 1-3-4, and communication equipment required in 836 IAC 1-4-2. The advanced life support emergency medical services vehicles shall also carry the following equipment:

(1) Portable defibrillator with self-contained cardiac monitor and ECG strip writer and equipped with defibrillation pads or paddles appropriate for both adult and pediatric defibrillation. This may be the defibrillator listed in 836 IAC 1-3-5(1)(L).

- (2) Tracheal suction catheters (adult #14 and #18, child #10).
- (3) Endotracheal intubation devices, including the following:
 - (A) Laryngoscope with extra batteries and bulbs.
 - (B) Laryngoscope blades (adult and pediatric, curved and straight).
 - (C) Disposable endotracheal tubes, a minimum of two (2) each, sterile packaged, in sizes 3, 4, 5, 6, 7, 8, and 9 millimeters inside diameter.
- (4) Crystalliod intravenous fluids and administration supplies approved by the medical director.
- (5) Medications limited to, if approved by the medical director, the following:
 - (A) Acetylsalicylic acid (aspirin).
 - (B) Adenosine.
 - (C) Atropine sulfate.
 - (D) Bronchodilator (beta 2 agonists):
 - (i) suggested commonly administered medications:
 - (AA) albuterol;
 - (BB) ipratropium;
 - (CC) isoetharine;
 - (DD) metaproterenol;
 - (EE) salmeterol;
 - (FF) terbutaline; and
 - (GG) triamcinolone; and
 - (ii) commonly administered adjunctive medications to bronchodilator therapy:
 - (AA) dexamethasone; and
 - (BB) methylprednisolone.
 - (E) Dextrose, fifty percent (50%).
 - (F) Diazepam.
 - (G) Epinephrine (1:1,000).
 - (H) Epinephrine (1:10,000).
 - (I) Vasopressin.
 - (J) Furosemide.
 - (K) Lidocaine hydrochloride, two percent (2%).
 - (L) Amiodarone hydrochloride.
 - (M) Morphine sulfate.
 - (N) Naloxone.
 - (O) Nitroglycerin.
- (6) A current copy of advanced life support protocols shall be maintained on board the emergency medical services vehicle at all times.
- (7) A copy of the medication list, including quantities and concentrations approved by the medical director.
- (g) The advanced emergency medical technician intermediate organization shall ensure that all nontransport emergency medical services vehicles used for the provision of advanced life support meet all of the requirements in 836 IAC 2-14.
- (h) Each advanced emergency medical technician intermediate organization shall ensure that rigid sanitation procedures are in effect at all times. The following sanitation standards apply to all vehicles used for the purpose of providing advanced life support services:
 - (1) The interior and the equipment within the vehicle shall be clean and maintained in good working order at all times.
 - (2) Freshly laundered linen or disposable linens shall be used on litters and pillows, and linen changed after each patient is transported.
 - (3) Clean linen storage shall be provided.
 - (4) Closed compartments shall be provided within the vehicle for medical supplies.
 - (5) Closed containers shall be provided for soiled supplies.
 - (6) Blankets shall be kept clean and stored in closed compartments.
 - (7) Single service implements inserted into the patient's nose or mouth shall be wrapped and properly stored and handled.

Multi-use items are to be kept clean and sterile when indicated and properly stored.

(8) When a vehicle has been utilized to transport a patient known to have a communicable disease, the vehicle shall be cleansed and all contact surfaces washed with soap and water and disinfected.

(9) All scheduled medications shall be stored in a locked container within a locked compartment. Medications storage shall be approved in writing by medical director or issuing pharmacy.

(i) An advanced emergency medical technician intermediate organization shall not operate an ambulance or other vehicle used for the provision of advanced life support unless the ambulance or vehicle is in full compliance with this article unless the vehicle is a nontransport emergency medical services vehicle returning from the site of the provision of advanced life support by the equipment, supplies, and personnel previously on board the nontransport emergency medical services vehicle, nor shall an advanced emergency medical technician intermediate organization transport any emergency patient or patient receiving advanced life support in any vehicle except an ambulance certified pursuant to IC 16-31.

(j) Provisions for temporary vehicle certification are addressed in 836 IAC 1-2-3.

(k) Advanced emergency medical technician intermediates are prohibited from having in their possession, or maintained on board emergency response vehicles, any advanced life support equipment or supplies that have not been approved by advanced emergency medical technician intermediate organization medical director. (*Indiana Emergency Medical Services Commission; 836 IAC 2-7.2-3; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2356*)

Rule 8. Requirements and Standards for Supervising Hospitals (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930*)

Rule 8.1. Supervising Hospitals; Requirements, Standards (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930*)

Rule 8.2. Advanced Emergency Medical Technician Training (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759*)

Rule 9. Certification of Advanced Emergency Medical Technicians (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed May 15, 1998, 10:25 a.m.: 21 IR 3930*)

Rule 9.1. Advanced Emergency Medical Technicians; Certification (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2759*)

Rule 10. Standards and Certification Requirements for Advanced Life Support Air Ambulance Service Providers and Advanced Life Support Air Ambulances (Repealed)

(*Repealed by Indiana Emergency Medical Services Commission; filed Oct 11, 1988, 11:05 a.m.: 12 IR 381*)

Rule 11. Inter-Facility Transfers and Response; Exemptions

836 IAC 2-11-1 Exemptions from the certification requirements of IC 16-31 when transporting an advanced life support patient

Authority: IC 16-31-2-7

Affected: IC 16-18-2-7; IC 16-31

Sec. 1. (a) "Advanced life support", as that phrase is defined in IC 16-31-2-7, is defined to exclude the use of a device, commonly referred to as a heparin lock, that is used to maintain patency of a vein in conjunction with an anticoagulant substance.

(b) An ambulance service provider (basic life support service) as defined in 836 IAC 1-1-1 and certified pursuant to IC 16-31 only, or an advanced emergency medical technician organization as defined in 836 IAC 2-1-1, when transporting a patient from a medical care facility is not deemed to be providing advanced life support as defined in IC 16-18-2-7 if in compliance with subsections (e) and (h), provided the following:

(1) The ambulance is equipped with the medical supplies and equipment determined by the transferring physician to be

necessary to maintain the patient's established medical intervention and to manage patient complications that may be reasonably anticipated to occur en route to the patient's destination.

(2) The patient compartment of the ambulance is staffed by at least one (1) employee of the transferring medical care facility who has training and skills commensurate with the patient's condition.

(c) An ambulance service provider (basic life support service) as defined in 836 IAC 1-1-1 and certified pursuant to IC 16-31 only, when transporting a patient from the scene of an emergency in cooperation with an advanced emergency medical technician organization or paramedic organization is not deemed to be providing advanced life support as defined in IC 16-18-2-7 if in compliance with subsections (e) through (h) provided that:

(1) the advanced life support procedure(s) has been established by a paramedic from the crew on board an ambulance or nontransporting emergency medical services vehicle used for the provision of advanced life support by a paramedic organization and a paramedic from the paramedic organization's responding vehicle is present in the patient compartment of the ambulance transporting the patient; or

(2) the advanced life support procedure(s) has been established by an advanced EMT from the crew on board an ambulance or nontransporting emergency medical services vehicle used for the provision of advanced life support by an advanced EMT organization and an advanced EMT from the advanced EMT organization's responding vehicle is present in the patient compartment of the ambulance transporting the patient.

(d) An advanced emergency medical technician organization as defined in 836 IAC 2-1-1 and certified pursuant to IC 16-31 when transporting a patient from the scene of an emergency in cooperation with a paramedic organization is not deemed to be in violation of 836 IAC 2-2-1 if in compliance with subsections (e) through (h) provided that the advanced life support procedure(s) has been established by a paramedic from the crew on board an ambulance or nontransporting emergency medical services vehicle used for the provision of advanced life support by a paramedic from the paramedic organization's responding vehicle is present in the patient compartment of the ambulance transporting the patient.

(e) Any ambulance used to transport a patient(s) in conjunction with this section shall, at a minimum, be certified pursuant to IC 16-31.

(f) Any ambulance used in conjunction with subsection (c) or (d) by a provider organization as defined in 836 IAC 2-1-1 shall be equipped with the emergency care equipment, supplies, and medications, and fluids as are required by the level of provider organization certification.

(g) Ambulances used to transport a patient(s) in conjunction with (c) or (d) [subsection (c) or (d)] are provided by the responding provider organization with the emergency care equipment, supplies, medications, or fluids necessary to maintain the patient care initiated.

(h) The vehicle staffing required in subsection (b), (c), or (d), is in addition to the staffing required as determined by the level of certification by the commission for the ambulance service provider or provider organization that transports the patient(s). (*Indiana Emergency Medical Services Commission; 836 IAC 2-11-1; filed Feb 29, 1984, 8:58 a.m.: 7 IR 1051; errata, 7 IR 1255; filed Dec 13, 1985, 9:13 a.m.: 9 IR 1097; filed Aug 18, 1986, 1:00 p.m.: 10 IR 61; filed May 15, 1998, 10:25 a.m.: 21 IR 3915*)

Rule 12. Waiver of Certification

836 IAC 2-12-1 Request for waiver (Repealed)

Sec. 1. (*Repealed by Indiana Emergency Medical Services Commission; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2372*)

Rule 13. Penalties and Fines

836 IAC 2-13-1 Penalties (Repealed)

Sec. 1. (*Repealed by Indiana Emergency Medical Services Commission; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2372*)

Rule 14. Advanced Life Support Nontransport Vehicles; Standards and Certification

836 IAC 2-14-1 General certification provisions

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 1. (a) Advanced life support nontransport vehicle ordered or leased shall meet minimum specifications or shall not be eligible for certification.

(b) Procedures for suspension, revocation, or termination of a certificate included under 836 IAC 2-2-1(l) through 836 IAC 2-2-1(o) apply to certification for advanced life support nontransport vehicles. (*Indiana Emergency Medical Services Commission; 836 IAC 2-14-1; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2742*)

836 IAC 2-14-2 Application for certification

Authority: IC 16-31-2-7

Affected: IC 16-31-3-2; IC 16-31-3-8

Sec. 2. (a) Application for advanced life support nontransport vehicle certification shall be made by the provider organization on such forms as prescribed by the commission and shall comply with the following requirements:

(1) An applicant shall complete the required forms and submit the forms to the director. A certificate for the advanced life support nontransport vehicle shall be issued by the director.

(2) Each advanced life support nontransport vehicle for which certification is requested shall be made available for inspection by the director, or his duly authorized representative, with its equipment as required by this article or 836 IAC 1 prior to approval for certification.

(b) Upon approval, a certificate shall be issued by the director to the advanced life support nontransport vehicle provider organization for all advanced life support nontransport vehicles. The certificate shall be valid for two (2) years unless earlier revoked or suspended by the commission. The certificate shall be prominently displayed within the advanced life support nontransport vehicle driver compartment.

(c) A vehicle certification is invalid upon expiration, suspension, revocation, or relinquishment of the provider certification.

(d) Except as provided in subsection (e), a provider organization shall not operate an advanced life support nontransport vehicle on any public way in Indiana if the advanced life support nontransport vehicle:

(1) is not in full compliance with the advanced life support nontransport vehicle certification requirements established and set forth in this article or exemptions approved by the commission; and

(2) does not have a certificate issued pursuant to IC 16-31.

(e) A provider organization may operate, for a period not to exceed sixty (60) consecutive days, a noncertified advanced life support nontransport vehicle if the noncertified advanced life support nontransport vehicle is used to replace a certified advanced life support nontransport vehicle that has been taken out of service providing the following:

(1) The replacement advanced life support nontransport vehicle shall meet all certification requirements.

(2) The provider organization shall notify the commission in writing within seventy-two (72) hours of the time the replacement advanced life support nontransport vehicle is placed in service. The written notice shall identify the following:

(A) The replacement date.

(B) The certification number of the replaced advanced life support nontransport vehicle.

(C) The vehicle identification number of the replacement advanced life support nontransport vehicle.

(D) The make and type of the replacement advanced life support nontransport vehicle.

Upon receipt of the notification, a temporary certificate shall be issued effective the date the certified advanced life support nontransport vehicle was replaced. Temporary certification shall not exceed sixty (60) days and, upon return to service, the use of the replacement vehicle shall cease and the temporary certificate shall be returned to the commission. If the replaced advanced life support nontransport vehicle is not returned to service within the sixty (60) day period, use of the replacement advanced life support nontransport vehicle shall cease unless certification is approved in accordance with this article. (*Indiana Emergency Medical Services Commission; 836 IAC 2-14-2; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2742*)

836 IAC 2-14-3 Advanced life support nontransport vehicle specifications

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 3. (a) All advanced life support nontransport vehicles shall meet or exceed the following minimum performance characteristics:

(1) The vehicle engine shall be a [*sic.*, *an*] internal combustion, liquid cooled engine that meets advanced life support nontransport vehicle chassis manufacturer's standard horsepower/displacement requirements.

(2) The fully loaded vehicle shall be capable of a sustained speed of at least sixty-five (65) miles per hour over dry, level, or hard-surfaced roads.

(3) The steering system shall be the manufacturer's recommended design and be power assisted.

(4) Tires shall meet the manufacturer's standards for the gross vehicle weight of the vehicle. No tire shall display exposed tire cord or have tread depth less than two thirty-seconds ($\frac{2}{32}$) on back tires and four thirty-seconds ($\frac{4}{32}$) on front tires spaced equally around the tire and with no visible defects. Retread tires shall not be used on advanced life support nontransport vehicles.

(b) All advanced life support nontransport vehicles shall meet or exceed the following minimum specifications for electrical systems:

(1) The electrical generating system shall consist of a one hundred five (105) ampere alternator minimum.

(2) Lighting shall be designed and located so that no glare is reflected from surrounding areas to the driver's eyes or line of vision, from instrument panel, switch panel, or other areas that may require illumination while the vehicle is in motion.

(3) Each advanced life support nontransport vehicle for which certification is requested shall have an audible back-up warning device that is activated when the advanced life support nontransport vehicle is shifted into reverse.

(c) All advanced life support nontransport vehicles shall meet the following requirements for external identification:

(1) Warning lights of red or red and white, at the discretion of the owner, and shall conform with Indiana law. All lights on vehicle shall be in working condition.

(2) Each fully certified advanced life support nontransport vehicle shall display the four (4) numbers of the commission-assigned advanced life support nontransport vehicle certification number. The four (4) numbers, in sequence, shall be placed on each side of the advanced life support nontransport vehicle on the right and left front fenders and on the left rear portion of the vehicle. Each number shall be in block letters not less than three (3) inches in height. These numbers shall be displayed in color contrasting, reflective material. The numbers shall be placed on the vehicle within seven (7) days of the receipt of the advanced life support nontransport vehicle certificate. The numbers shall be removed or permanently covered by the provider organization when the advanced life support nontransport vehicle is permanently removed from service by the provider organization.

(3) A commission-certified vehicle sticker shall be displayed on all certified advanced life support nontransport vehicles.

(d) All windows shall be intact. The vehicle shall have windshield wipers in working condition.

(e) Dual, firmly secured, vibrationless rearview mirrors, one (1) mounted on the left side of the vehicle and one (1) mounted on the right side, shall be included.

(f) The driver compartment, at a minimum, shall be equipped with appropriate passenger restraints that are installed in all seating facilities for the driver and the passenger.

(g) All advanced life support nontransport vehicles shall meet or exceed the following minimum communication standards:

(1) All radios used in emergency medical services vehicles for the purpose of dispatch or tactical communications shall demonstrate and maintain the ability to provide a voice communications linkage, during transmission, with the emergency medical service providers associated base station within the area the emergency medical service provider normally serves or proposes to serve.

(2) Radio equipment used in emergency medical services vehicles shall be appropriately licensed through the Federal Communications Commission. The maximum power of the transmitter shall be no more than the minimum required for technical operation commensurate with the size of the area to be served and local conditions which affect radio transmission and reception.

(3) All emergency medical services vehicles shall be equipped with two-way radios that shall have one (1) channel or talk-group used primarily for dispatch and tactical communications.

(4) All nontransport vehicles shall maintain a communication system that shall be available twenty-four (24) hours a day between the paramedic organization and the emergency department, or equivalent, of the supervising hospital using UHF (ultra high frequency) voice communications. The communications system shall be licensed by the Federal Communications Commission.

(5) Type and number of sirens shall be at the discretion of the advanced life support nontransport vehicle service provider and shall conform to Indiana law.

(h) All advanced life support nontransport vehicles shall provide an adequate system for heating and window defrosting of the driver compartment.

(i) Each provider organization shall ensure that rigid sanitation procedures are in effect at all times. The following sanitation standards apply to all vehicles used for the purpose of providing advanced life support services:

(1) The equipment within the vehicle shall be clean and maintained in good working order at all times.

(2) Compartments shall be provided within the vehicle for medical supplies and equipment storage.

(3) All scheduled medications shall be stored in a locked container within a locked compartment. Medications storage shall be approved in writing by medical director or issuing pharmacy.

(Indiana Emergency Medical Services Commission; 836 IAC 2-14-3; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2743)

836 IAC 2-14-4 Advanced life support nontransport vehicle rescue equipment

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 4. Advanced life support nontransport vehicles shall carry the following assembled and readily accessible minimum rescue equipment:

(1) Equipment for safeguarding personnel, including one (1) fire extinguisher with an Underwriters Laboratory rating of not less than a five (5) pound rating for 2A:4-B; C; that shall have a current inspection date and be mounted so that they are readily accessible.

(2) Equipment for release from entrapment or confinement, including the following:

(A) One (1) hammer, four (4) pound, fifteen (15) inch handle (hammer weight and length are minimums).

(B) One (1) wrecking bar, twenty-four (24) inch combination tool minimum.

(C) One (1) self-contained portable light source.

(Indiana Emergency Medical Services Commission; 836 IAC 2-14-4; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2744)

836 IAC 2-14-5 Advanced life support nontransport vehicle emergency care equipment

Authority: IC 16-31-2-7

Affected: IC 16-31-3

Sec. 5. Each advanced life support nontransport vehicle shall wrap, properly store, and handle all the single service implements inserted into the patient's nose or mouth. Multi-use items are to be kept clean and sterile when indicated and properly stored. The vehicle shall carry the following assembled and readily accessible minimum equipment:

(1) Respiratory and resuscitation equipment as follows:

(A) Portable suction apparatus, capable of a minimum vacuum of three hundred (300) millimeters mercury, equipped with wide-bore tubing and both rigid and soft pharyngeal suction tips.

(B) Bag-mask ventilation units, hand operated, one (1) unit in each of the following sizes, each equipped with clear face masks and oxygen reservoirs with oxygen tubing:

(i) Adult.

(ii) Child.

(iii) Infant.

(iv) Neonatal (mask only).

(C) Oropharyngeal airways, two (2) each of adult, child, and infant.

(D) One (1) pocket mask with one-way valve.

(E) Portable oxygen equipment of at least three hundred (300) liters capacity (D size cylinder) with yoke, medical

- regulator, pressure gauge, and nondependent flowmeter.
- (F) Oxygen delivery devices shall include the following:
- (i) High concentration devices, two (2) each, adult, child, and infant.
 - (ii) Low concentration devices, two (2) each, adult.
- (G) Nasopharyngeal airways, two (2) each of the following with water soluble lubricant:
- (i) Small (20-24 french).
 - (ii) Medium (26-30 french).
 - (iii) Large (31 french or greater).
- (H) Bulb syringe individually packaged in addition to obstetrics kit.
- (I) Nonvisualized airway minimum of two (2) with water soluble lubricant.
- (J) Portable defibrillator with self-contained cardiac monitor and ECG strip writer and equipped with defibrillation pads or paddles appropriate for adult defibrillation.
- (2) Wound care supplies as follows:
- (A) Airtight dressings, four (4), for open chest wounds.
 - (B) Assorted bandaging supplies for the care of soft tissue injuries.
- (3) Patient stabilization equipment as follows:
- (A) Upper and lower extremity splinting devices, two (2) each.
 - (B) Rigid extrication collar, two (2) each capable of the following sizes:
 - (i) Pediatric.
 - (ii) Small.
 - (iii) Medium.
 - (iv) Large.
- (4) Personal protection/universal precautions equipment, minimum of one (1) each, including the following:
- (A) Gowns.
 - (B) Face masks and shields.
 - (C) Gloves.
 - (D) Biohazard bags.
 - (E) Antimicrobial hand cleaner.
- (5) Miscellaneous items as follows:
- (A) Obstetrical kit, sterile, one (1).
 - (B) Blood pressure manometer, one (1) each in the following cuff sizes:
 - (i) Large adult.
 - (ii) Adult.
 - (iii) Pediatric.
 - (C) Stethoscopes, one (1) each in the following sizes:
 - (i) Adult.
 - (ii) Pediatric.
 - (D) Sharps collector, one (1) being a minimum of seven (7) inches in height.
 - (E) Intravenous fluids, medication, and administration supplies approved by the medical director.
 - (F) A current copy of advanced life support protocols shall be maintained on board the advanced life support nontransport vehicle at all times.
 - (G) A copy of the medication list, including quantities and concentrations approved by the medical director.
- (6) Medications if approved by medical director, and solely for use by individuals with a certification as an emergency medical technician or higher, are as follows:
- (A) Baby aspirin, eighty-one (81) milligrams each.
 - (B) Activated charcoal.
 - (C) Instant glucose.
 - (D) Epinephrine auto-injector(s).
- (7) Paramedic services shall also carry the following equipment:
- (A) Tracheal suction catheters (adult #14 and #18, child #10).

(B) Endotracheal intubation devices, including the following:

- (i) Laryngoscope with extra batteries and bulbs.
- (ii) Laryngoscope blades (adult and pediatric, curved and straight).
- (iii) Disposable endotracheal tubes, a minimum of two (2) each, sterile packaged, in sizes 3, 4, 5, 6, 7, 8, and 9 millimeters inside diameter.

(C) Defibrillation pads or paddles appropriate for pediatric defibrillation.

(Indiana Emergency Medical Services Commission; 836 IAC 2-14-5; filed Jun 30, 2000, 4:18 p.m.: 23 IR 2744; filed Feb 20, 2003, 8:00 a.m.: 26 IR 2357)

*